

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 4)  
**Catalog Number:** E7730L  
**Lot Number:** 10023941  
**Expiration Date:** 11/2019  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7730S/L v1.0

NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 4) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7744AAVIAL	NEBNext® Index 40 Primer for Illumina®	0011711	Pass
E7742AAVIAL	NEBNext® Index 48 Primer for Illumina®	0011711	Pass
E7741AAVIAL	NEBNext® Index 47 Primer for Illumina®	0011711	Pass
E7740AAVIAL	NEBNext® Index 46 Primer for Illumina®	0011711	Pass
E7739AAVIAL	NEBNext® Index 45 Primer for Illumina®	0011711	Pass
E7738AAVIAL	NEBNext® Index 44 Primer for Illumina®	0011711	Pass
E7737AAVIAL	NEBNext® Index 43 Primer for Illumina®	0011711	Pass
E7735AAVIAL	NEBNext® Index 41 Primer for Illumina®	0011711	Pass
E7733AAVIAL	NEBNext® Index 39 Primer for Illumina®	0011711	Pass
E7732AAVIAL	NEBNext® Index 38 Primer for Illumina®	0011711	Pass
E7731AAVIAL	NEBNext® Index 37 Primer for Illumina®	0011711	Pass
E7716AAVIAL	NEBNext® Index 30 Primer for Illumina®	0011711	Pass
E7338AAVIAL	USER® Enzyme	0161711	Pass
E7337AAVIAL	NEBNext® Adaptor for Illumina®	0101711	Pass
E6861AAVIAL	NEBNext® Universal PCR Primer for Illumina®	0071711	Pass

Assay Name/Specification	Lot # 10023941
<b>Functional Testing (Library Construction, Oligo)</b> Each set of reagents is functionally validated through construction of libraries made from commercially available genomic DNA. Libraries are made from each unique barcoded oligonucleotide and are sequenced together on the same Illumina flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.	Pass
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 4) and meet the designated	Pass

Assay Name/Specification	Lot # 10023941
specifications.	

This product has been tested and shown to be in compliance with all specifications.



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Christine Sumner  
Production Scientist  
25 Sep 2018



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Michael Tonello  
Packaging Quality Control Inspector  
25 Sep 2018